

English version

Electrical installations of buildings
Part 4: Protection for safety
Chapter 46: Isolation and switching
 (IEC 60364-4-46:1981, modified)

Installations électriques des bâtiments
 Partie 4: Protection pour assurer
 la sécurité
 Chapitre 46: Sectionnement et commande
 (CEI 60364-4-46:1981, modifiée)

Elektrische Anlagen von Gebäuden
 Teil 4: Schutzmaßnahmen
 Kapitel 46: Trennen und Schalten
 (IEC 60364-4-46:1981, modifiziert)

This Harmonization Document was approved by CENELEC on 2000-04-01. CENELEC members are bound to comply with the CEN/CENELEC internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
 Comité Européen de Normalisation Electrotechnique
 Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of the International Standard IEC 60364-4-46:1981, prepared by IEC TC 64, Electrical installations of buildings, together with the common modifications prepared by SC 64A, Protection against electric shock, of CENELEC TC 64, Electrical installations of buildings, was submitted to the formal vote and was approved by CENELEC as HD 384.4.46 S2 on 2000-04-01.

This Harmonization Document supersedes HD 384.4.46 S1:1987 and its amendment A1:1993.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level (doa) 2000-10-01
- latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 2002-06-01
- latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 2003-04-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, Annex ZB is normative and Annex ZA is informative.
Annexes ZA and ZB have been added by CENELEC.

Endorsement notice

The text the International Standard IEC 60364-4-46:1981 was approved by CENELEC as a Harmonization Document with the following common modifications.

COMMON MODIFICATIONS

461.2

Replace the existing text, including the note, by:

In TN-C systems and in the TN-C part of the TN-C-S systems, the PEN conductor shall not be isolated or switched.

In TN-C-S and TN-S systems, the neutral conductor need not be isolated or switched if the supply network operator declares that either the PEN or the N conductor of the supply is reliably connected to earth by a suitably low resistance.

NOTE 1 This low resistance may be verified by measurement of the resistance of the earth electrode in accordance with clause 612.

NOTE 2 The neutral conductor is not recognized as being reliably connected to earth by a suitable low resistance in Belgium, France, Norway, Portugal, Spain and Switzerland.

463.1

Add to note 1, the following sentence:

For electrical installations in machines, see EN 60204-1.

Delete note 2.

The existing note 3 becomes note 2.

Add, after the first sentence of the new note 2, the following sentence:

This is under consideration by CENELEC 114.

464

Replace the existing title by: Emergency operation.

Add, under the title, the following note:

NOTE In the informative annex, a proposal for definitions of emergency operation is reported.

464.1

Replace the fourth dash (-) of the note by:

- high voltage discharge lighting (e.g. neon signs),

Add the following new dash (-):

- teaching laboratories.

464.2

Add, after the word "switching" the word "off".

464.3

Delete, in the first line, the words: ", including emergency stopping,"

464.4

Add the following note:

NOTE Where this switching includes the function of emergency stopping, in the case of machines, the relevant requirements are specified in EN 418 and EN 60204-1.

464.5

Delete the note.

465.1.2

In the first line, **replace** "control" by "switch off".

465.1.5

In the second line, **replace** the word "affect" by the word "switch off".

465.3.3

In the second line, **delete** the words ", for example, to the loss of one phase or".

Add the following note:

NOTE Attention is called to danger which may arise from the loss of one phase.

Copyright
Preview

Bestelformulier

Stuur naar:

NEN Standards Products & Services
t.a.v. afdeling Klantenservice
Antwoordnummer 10214
2600 WB Delft



NEN Standards Products & Services

Postbus 5059
2600 GB Delft

Vlinderweg 6
2623 AX Delft

T (015) 2 690 390
F (015) 2 690 271

www.nen.nl/normshop

Ja, ik bestel

__ ex. HD 384-4-46:2001 en Elektrische installaties van gebouwen - Deel 4: Beschermingsmaatregelen - Hoofdstuk 46: Scheiden en schakelen € 53.00

Wilt u deze norm in PDF-formaat? Deze bestelt u eenvoudig via www.nen.nl/normshop

Gratis e-mailnieuwsbrieven

Wilt u op de hoogte blijven van de laatste ontwikkelingen op het gebied van normen, normalisatie en regelgeving? Neem dan een gratis abonnement op een van onze e-mailnieuwsbrieven. www.nen.nl/nieuwsbrieven

Gegevens

Bedrijf / Instelling _____

T.a.v. _____ O M O V

E-mail _____

Klantnummer NEN _____

Uw ordernummer _____ BTW nummer _____

Postbus / Adres _____

Postcode _____ Plaats _____

Telefoon _____ Fax _____

Factuuradres (indien dit afwijkt van bovenstaand adres)

Postbus / Adres _____

Postcode _____ Plaats _____

Datum _____ Handtekening _____

Retourneren

Fax: 015 2 690 271

E-mail: klantenservice@nen.nl

Post: NEN Standards Products & Services,

t.a.v. afdeling Klantenservice
Antwoordnummer 10214,
2600 WB Delft

(geen postzegel nodig).

Voorwaarden

- De prijzen zijn geldig tot 31 december 2018, tenzij anders aangegeven.
- Alle prijzen zijn excl. btw, verzend- en handelingskosten en onder voorbehoud bij o.m. ISO- en IEC-normen.
- Bestelt u via de normshop een pdf, dan betaalt u geen handeling en verzendkosten.
- Meer informatie: telefoon 015 2 690 391, dagelijks van 8.30 tot 17.00 uur.
- Wijzigingen en typfouten in teksten en prijsinformatie voorbehouden.
- U kunt onze algemene voorwaarden terugvinden op: www.nen.nl/leveringsvoorwaarden.